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USC Image Center

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IMAGE CENTRE

McKissick Museum is partnering with the School of Library and Information Science and Arius3D, Inc. to establish an Image Centre that houses a state-of-the-art 3D scanner system. The Arius3D scanner can determine both the shape and color of artifacts by measuring their surfaces on a point-by-point basis. From brush strokes on a painting to cracks in a sculpture, special features of objects that cannot be conveyed through standard two-dimensional imaging are captured using these three-dimensional models . These digital models serve various functions, including:

Providing virtual access to culturally significant objects of museum collections

Advancing breakthroughs in research by visualizing objects in alternate ways

Preserving the museum's collections by creating digital replicas of objects and assessing changes in objects' shape and texture

By changing how McKissick Museum's collections are preserved and circulated, the Image Centre is transporting objects beyond the museum's walls.